

0590
0830 #9

ENTERED

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/027,736A

DATE: 09/05/2002

TIME: 08:32:21

Input Set : A:\Seq-List.txt

Output Set: N:\CRF4\09052002\J027736A.raw

3 <110> APPLICANT: Presta, Leonard G.
4 Namenuk, Angela K.
6 <120> TITLE OF INVENTION: NON-HUMAN PRIMATE Fc RECEPTORS AND METHODS OF USE
8 <130> FILE REFERENCE: 11669.92US01
10 <140> CURRENT APPLICATION NUMBER: US 10/027,736A
C--> 11 <141> CURRENT FILING DATE: 2002-08-23
13 <160> NUMBER OF SEQ ID NOS: 72
15 <170> SOFTWARE: PatentIn version 3.1
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18 <211> LENGTH: 1074
19 <212> TYPE: DNA
20 <213> ORGANISM: Cynomolgus
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23 <221> NAME/KEY: misc_feature
24 <222> LOCATION: (1)..(1074)
25 <223> OTHER INFORMATION: FcgammaRI alpha-chain
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33 ttacagtgtg aggtgccccg tctgcctggg agcagctcca cacagtgggt tctcaatggc 180
35 acagccactc agacctcgac tcccagctac agaatcacct ctgccagtgt caaggacagt 240
37 ggtgaataca ggtgccagag aggtccctca gggcgaagt accccataca gctggaaatc 300
39 cacagagact ggctactact gcaggtatcc agcagagtct tcacagaagg agaacctctg 360
41 gccttgaggt gtcattgatg gaaggataag ctggtgtaca atgtgcttta ctatcaaaat 420
43 ggcaaagcct ttaagttttt ctaccggaat tctcaactca ccattctgaa aaccaacata 480
45 agtcacaacg gcgcctacca ctgctcaggc atgggaaagc atcgctacac atcagcagga 540
47 gtatctgtca ctgtgaaaga gctatttcca gctccagtgc tgaatgcac cgtgacatcc 600
49 ccgctcctgg aggggaatct ggtcaccctg agctgtgaaa caaagttgct tctgcagagg 660
51 cctggtttgc agctttactt ctccctctac atgggcagca agaccctgcg aggcagggaac 720
53 acgtcctctg aataccaaaat actaactgct agaagagaag actctgggtt ttactgggtg 780
55 gaggccacca cagaagacgg aaatgtcctt aagcgcagcc ctgagttgga gcttcaagtg 840
57 cttggcctcc agttaccaac tcctgtctgg cttcatgtcc ttttctatct ggtagtggga 900
59 ataagtgttt tagtgaacac tggtctctgg gtgacaatac gtaaagaact gaaaagaaag 960
61 aaaaagtgga atttagaaa atctttggat tctgctcatg agaagaaggt aacttcacg 1020
63 cttcaagaag acagacattt agaagaagag ctgaagagtc aggaacaaga ataa 1074
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68 <212> TYPE: DNA
69 <213> ORGANISM: Homo sapiens
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (1)..(1128)
74 <223> OTHER INFORMATION: FcgammaRI alpha-chain

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82 ttgcaactgt aggtgctcca tctgcctggg agcagctcta cacagtgggt tctcaatggc      180
84 acagccactc agacctcgac cccagctac agaatacct ctgccagtgt caatgacagt      240
86 ggtgaataca ggtgccagag aggtctctca gggcgaagt accccataca gctggaaatc      300
88 cacagaggct ggctactact gcaggtctcc agcagagtct tcacggaagg agaacctctg      360
90 gccttgaggt gtcattgcgt gaaggataag ctgggtgtaca atgtgcttta ctatcgaaat      420
92 ggcaaaagcct ttaagttttt ccactggaat tctaacctca ccattctgaa aaccaacata      480
94 agtcacaatg gcacctacca ttgctcaggc atgggaaaag atcgctacac atcagcagga      540
96 atatctgtca ctgtgaaaga gctatttcca gctccagtgc tgaatgcac tgtagacatcc      600
98 ccaactcctg aggggaatct ggtcaccctg agctgtgaaa caaagttgct cttgcagagg      660
100 cctggtttgc agctttactt ctccttctac atgggcagca agaccctgcg aggcaggaac      720
102 acatcctctg aataccaaat actaactgct agaagagaag actctgggtt atactggtgc      780
104 gaggtgcca cagaggatgg aaatgtcctt aagcgcagcc ctgagttgga gcttcaagtg      840
106 cttggcctcc agttaccaac tcctgtctgg ttcatgtcc ttttctatct ggcagtggga      900
108 ataatgtttt tagtgaacac tggtctctgg gtgacaatac gtaaagaact gaaaagaaag      960
110 aaaaagtggg atttagaaat ctctttggat tctggtcatg agaagaaggt aatttccagc      1020
112 cttcaagaag acagacattt agaagaagag ctgaaatgtc aggaacaaaa agaagaacag      1080
114 ctgcaggaag ggggtgcaccg gaaggagccc cagggggcca cgtagcag      1128

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119 <212> TYPE: DNA

120 <213> ORGANISM: Cynomolgus

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123 <221> NAME/KEY: misc_feature

124 <222> LOCATION: (1)..(933)

125 <223> OTHER INFORMATION: FcgammaRIIA

128 <400> SEQUENCE: 3

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131 ctgctggctt ctgcagacag tcaaaactgt ccccggaagg ctgtgctgaa actcgagccc      120
133 ccgtggatca acgtgctccg ggaggactct gtgactctga cgtgcggggg cgctcacagc      180
135 cctgacagcg actccactca gtggttccac aatgggaatc gcatcccccac ccacacacag      240
137 cccagctaca ggttcaaggc caacaacaat gatagcgggg agtacagggt ccagactggc      300
139 cggaccagcc tcagcgaccc tggtcatctg actgtgcttt ctgagtggtt ggcgcttcag      360
141 acccctcacc tggagttccg ggaggagaaa accatcatgc tgaggtgcca cagctggaag      420
143 gacaagcctc tgatcaaggt cacattcttc cagaatggaa tagccaagaa attttcccat      480
145 atggatccca atttctccat cccacaagca aaccacagtc acagtgggtg ttaccactgc      540
147 acaggaaaca taggctacac accatactca tccaaacctg tgaccatcac tgtccaagtg      600
149 cccagcgtgg gcagctcttc accgatgggg atcattgtgg ctgtggtcac tgggattgct      660
151 gtagcggcca ttgttgctgc tgtagtgcc ttgatctact gcaggaaaaa gcggatttca      720
153 gccaatcca ctgatcctgt gaaggctgcc cgatttgagc cacttgagc tcaaacgatt      780
155 gccctcagaa agagacaact tgaagaaacc aacaatgact atgaaacagc cgacggcggc      840
157 tacatgactc tgaacccag ggcacctact gatgatgata gaaacatcta cctgactctt      900
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162 <210> SEQ ID NO: 4

163 <211> LENGTH: 936

164 <212> TYPE: DNA

165 <213> ORGANISM: Homo sapiens

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167 <220> FEATURE:

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169 <222> LOCATION: (1)..(936)

170 <223> OTHER INFORMATION: FcgammaRIIA

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178 cccccgtgga tcaacgtgct ccaggaggac tctgtgactc tgacatgcca gggggctcgc      180
180 agccctgaga gcgactccat tcagtggttc cacaatggga atctcattcc caccacacag      240
182 cagcccagct acaggttcaa ggccaacaac aatgacagcg gggagtacac gtgccagact      300
184 ggccagacca gcctcagcga ccctgtgcat ctgactgtgc tttccgaatg gctgggtgctc      360
186 cagacccctc acctggagtt ccaggaggga gaaaccatca tgctgaggtg ccacagctgg      420
188 aaggacaagc ctctgtgtaa ggtcacattc ttccagaatg gaaaatccca gaaattctcc      480
190 cgtttggatc ccaccttctc catcccacaa gcaaacacac gtcacagtgg tgattaccac      540
192 tgcacaggaa acataggcta cacgtgtgtc tcatccaagc ctgtgaccat cactgtccaa      600
194 gtgcccagca tgggcagctc ttcaccaatg gggatcattg tggctgtggt cattgcgact      660
196 gctgtagcag ccattgttgc tgctgtagtg gccttgatct actgcaggaa aaagcggatt      720
198 tcagccaatt ccactgatcc tgtgaaggct gcccaatttg agccacctgg acgtcaaagt      780
200 attgccatca gaaagagaca acttgaagaa accaacaatg actatgaaac agctgacggc      840
202 ggctacatga ctctgaaccc cagggcacct actgacgatg ataaaaacat ctacctgact      900
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209 <212> TYPE: DNA

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213 <221> NAME/KEY: misc_feature

214 <222> LOCATION: (1)..(885)

215 <223> OTHER INFORMATION: FcgammaRIIB

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219 <221> NAME/KEY: misc_feature

220 <222> LOCATION: (879)..(879)

221 <223> OTHER INFORMATION: n = a or g or c or t/u unknown or other

224 <400> SEQUENCE: 5

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229 gctgggacac ctgcagctcc cccgaaggct gtgctgaaac tcgagccccc gtggatcaac      180
231 gtgctccggg aggactctgt gactctgacg tgcgggggcg ctacacagccc tgacagcgac      240
233 tcactcagt ggttccacaa tgggaatctc atccccaccc acacgcagcc cagctacagg      300
235 ttcaaggcca acaacaatga tagcggggag tacaggtgcc agactggccg gaccagcctc      360
237 agcgaccctg ttcattctgac tgtgctttct gagtggctgg cgctccagac ccctcacctg      420
239 gagtccggg agggagaaac catcttgctg aggtgccaca gctggaagga caagcctctg      480
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247 agctcttcac cgatagggat cattgtggct gtggctcact ggattgctgt agcggccatt      720
249 gttgctgctg tagtggcctt gatctactgc aggaaaaagc ggatttcagc caatcccact      780
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263 <222> LOCATION: (1)..(876)
264 <223> OTHER INFORMATION: FcgammaRIIB
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272 gctgggacac ctgcagctcc cccaaaggct gtgctgaaac tcgagcccca gtggatcaac      180
274 gtgctccagg aggactctgt gactctgaca tgccggggga ctcacagccc tgagagcgac      240
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278 ttcaaggcca acaacaatga cagcggggag tacacgtgcc agactggcca gaccagcctc      360
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282 gagttccagg agggagaaac catcgtgctg aggtgccaca gctggaagga caagcctctg      480
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292 gtagtggcct tgatctactg caggaaaaag cggatttcag ccaatccac taatcctgat      780
294 gaggtgaca aagttggggc tgagaacaca atcacctatt cacttctcat gcacccgat      840
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306 <222> LOCATION: (1)..(765)
307 <223> OTHER INFORMATION: FcgammaRIIIA alpha-chain
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315 gaccgtgtga ctctgaagt ccaggagacc tactccctg aggacaattc cacacgggtg      180
317 tttcacaatg agagcctcat ctcaagccag acctcgagct acttcattgc tgctgccaga      240
319 gtcaacaaca gtggagagta cagggtgccag acaagcctct ccacactcag tgaccgggtg      300
321 cagctggaag tccatatcgg ctggctattg ctccaggccc ctcggtgggt gttcaaggag      360
323 gaagaatcta ttcacctgag gtgtcacagc tggaagaaca ctcttctgca taaggtcacg      420
325 tatttacaga atggcaagg caggaaagtat tttcatcaga attctgactt ctacattcca      480
327 aaagccacac tcaaagacag cggctcctac ttctgcaggg gacttattgg gagtaaaaat      540
329 gtatcttcag agactgtgaa catcaccatc actcaagatt tggcagtgtc atccatctca      600
331 tcattctttc cacctgggta ccaagtctct ttctgcctgg tgatggtact cctttttgca      660
333 gtggacacag gactatattt ctctatgaag aaaagcattc caagctcaac aagggactgg      720
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339 <211> LENGTH: 765
340 <212> TYPE: DNA

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345 <222> LOCATION: (1)..(765)
346 <223> OTHER INFORMATION: FcgammaRIIIA alpha-chain
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354 gacagtgtga ctctgaagtg ccaggggagcc tactccccctg aggacaattc cacacagtgg      180
356 tttcaccaatg agagcctcat ctcaagccag gcctcgagct acttcattga cgctgccaca      240
358 gtcgacgaca gtggagagta cagggtgccag acaaacctct ccacctcag tgacctcggg      300
360 cagctagaag tccatatcgg ctggctgttg ctccaggccc ctcggtgggt gttcaaggag      360
362 gaagacccta ttcacctgag gtgtcacagc tggaagaaca ctgctctgca taaggtcaca      420
364 tattttacaga atggcaaagg caggaagtat tttcatcata attctgactt ctacattcca      480
366 aaagccacac tcaaagacag cggctcctac ttctgcaggg ggcttttttg gagtaaaaat      540
368 gtgtcttcag agactgtgaa catcaccatc actcaagggt tggcagtgtc aaccatctca      600
370 tcattctttc cactcgggta ccaagtctct ttctgcttgg tgatgggtact cctttttgca      660
372 gtggacacag gactataatt ctctgtgaag acaaacattc gaagctcaac aagagactgg      720
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379 <212> TYPE: PRT
380 <213> ORGANISM: Cynomolgus
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395          20          25          30
398 Val Phe Gln Glu Glu Thr Val Thr Leu Gln Cys Glu Val Pro Arg Leu
399          35          40          45
402 Pro Gly Ser Ser Ser Thr Gln Trp Phe Leu Asn Gly Thr Ala Thr Gln
403          50          55          60
406 Thr Ser Thr Pro Ser Tyr Arg Ile Thr Ser Ala Ser Val Lys Asp Ser
407 65          70          75          80
410 Gly Glu Tyr Arg Cys Gln Arg Gly Pro Ser Gly Arg Ser Asp Pro Ile
411          85          90          95
414 Gln Leu Glu Ile His Arg Asp Trp Leu Leu Gln Val Ser Ser Arg
415          100         105         110
418 Val Phe Thr Glu Gly Glu Pro Leu Ala Leu Arg Cys His Ala Trp Lys
419          115         120         125
422 Asp Lys Leu Val Tyr Asn Val Leu Tyr Tyr Gln Asn Gly Lys Ala Phe
423          130         135         140
426 Lys Phe Phe Tyr Arg Asn Ser Gln Leu Thr Ile Leu Lys Thr Asn Ile
427 145         150         155         160
430 Ser His Asn Gly Ala Tyr His Cys Ser Gly Met Gly Lys His Arg Tyr

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 879

VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840